

BLUEPRINT READING  
Section F

ALL OF THE FOLLOWING QUESTIONS CAN BE ANSWERED FROM INFORMATION GIVEN ON THE BLUEPRINT.  
PUT YOUR ANSWERS IN THE SPACE PROVIDED. SOME LETTERS WILL BE USED MORE THAN ONCE.

- 3 \_\_\_\_\_ 1. How many views are shown in the working drawing?

Front \_\_\_\_\_ 2. In what two views is the length shown?

Top \_\_\_\_\_ 3. In what two views is the width shown?

End \_\_\_\_\_ 4. Give the three dimensions (length, width, and depth) of the part.

8" \_\_\_\_\_ Length  
3" \_\_\_\_\_ Width  
1 1/2" \_\_\_\_\_ Depth

1 1/2" \_\_\_\_\_ 5. What is the measurement of dimension "B"?

3/4" \_\_\_\_\_ 6. What is the measurement of dimension "E"?

1" \_\_\_\_\_ 7. What is the measurement of dimension "M"?

3/4" \_\_\_\_\_ 8. What is the measurement of dimension "C"?

3/8" \_\_\_\_\_ 9. What is the diameter measurement of the holes?

Center Line of Holes \_\_\_\_\_ 10. What does letter "A" refer to?

2" \_\_\_\_\_ 11. How far is point "A" to the left end surface on the piece?

4" \_\_\_\_\_ 12. How far is point "A" from the right end surface of the piece?

1 1/2" \_\_\_\_\_ 13. How far is point "A" from surface "F"?

1 1/2" \_\_\_\_\_ 14. How far is point "M" from surface "L"?

F \_\_\_\_\_ 15. The surface of the front view is indicated by letter "J". What line in the top view represents the front surface?

B \_\_\_\_\_ 16. Letter "J" shows a line seen in the front view. What letter represents this surface in the top view?

M \_\_\_\_\_ 17. Letter "L" shows a surface seen in the front view. What letter represents this surface in the end view?

FL \_\_\_\_\_ 18. What letters indicate object lines? (An "object line" is a line representation of a corner or edge of a surface that is seen by the viewer.)

I \_\_\_\_\_ 19. What letter indicates a hidden line? (A "hidden line" is a line representation of a corner or edge of a surface that is not seen by the viewer because of a surface or material blocking the viewer's line of sight.)

G \_\_\_\_\_ 20. What letter indicates a dimension line? (A "dimension line" is the line which indicates the dimension shown on the drawing.)

A,K \_\_\_\_\_ 21. What letters indicate center lines? (A "center line" is a line or set of crossed lines showing the center of a circle or curved surface.)

H \_\_\_\_\_ 22. What letter indicates an extension line? (An "extension line" is a line indicating the points or surface from which a measurement is taken and the dimension is shown.)